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ABSTRACT

A method and apparatus for dissipating heat from electric motors.

Small electric motors often operate at undesirably high temperatures and are often mounted to gear cases. To reduce the temperature a thermally conductive gap
5 filling material is compressed between the winding heads of the stator and the mating surface of motor and gear case. The gear case functions as a heat sink for the stator windings. Additional heat sinks may be mounted on the motor housing using additional thermally conductive gap filling material compressed between the other winding heads and the cover.

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